

ABSTRACT

An ink drying system for high speed printing. A plurality of plenums are in fluid communication with a source of pressurized gas, mediated by respective fast acting valves.

In a first embodiment of the invention, each plenum contains a plurality of small orifices

5 grouped to define a localized drying area. The localized drying areas of the plenums form

a substantially continuous drying region that, preferably, spans the entire lateral extent of

the largest printed image. In a second embodiment of the invention, the plenums are

spaced apart along the direction of travel of the sheet, and orifices of each plenum are

distributed over the entire drying region.